October 19, 2004

Hazardous, Toxic and Radioactive Waste
Center of Expertise

Karen Gavitt
Mitkem Corporation
175 Metro Center Boulevard
Warwick, RI 02886

Dear Ms. Gavitt:

This correspondence addresses the recent evaluation of Mitkem Corporation of Warwick, RI by the U.S. Army Corps of Engineers (USACE) for chemical analysis in support of the USACE Hazardous, Toxic and Radioactive Waste Program.

Your laboratory is now validated for the parameters listed below:

METHODS[1]	PARAMETERS	MATRIX[2]
3510C/3520C/8081A	Organochlorine Pesticides	Water[3]
3550B/8081A	Organochlorine Pesticides	Solids[3]
3510C/3520C/8082	Polychlorinated Biphenyls	Water[3]
3550B/8082	Polychlorinated Biphenyls	Solids[3]
3510C/3520C/8270D	Semivolatile Organics	Water[3]
3550B/8270D	Semivolatile Organics	Solids[3]
3005A/3010A/6010C/7470A	TAL Metals[4]	Water[3]
3050B/6010C/7471A	TAL Metals[4]	Solids[3]
3510C/3520C/Mod 8015	TPH - DRO	Water[3]
3550B/Mod 8015	TPH - DRO	Solids[3]
5030B/Mod 8015	TPH - GRO	Water[3]
5030B/Mod 8015	TPH - GRO[5]	Solids[3]
5030B/5035/8021B	BTEX[5]	Water
5030B/5035/8021B	BTEX[5]	Solids[3]
5030B/5035/8260B	Volatile Organics	Water[3]
5030B/5035/8260B	Volatile Organics	Solids[3]

Remarks:
1) Sample preparation methods have been added to reflect program policy change.
2) "Solids" includes soils, sediments, and solid waste.
3) The laboratory has successfully analyzed a Proficiency Testing (PT) sample for this method/matrix.

4) TAL Metals: Aluminum, antimony, arsenic, barium, beryllium, cadmium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, mercury, nickel, potassium, selenium, silver, sodium, thallium, vanadium, and zinc.

5) Project-specific validation for this parameter.

Enclosed for your information is a copy of the Laboratory Inspection and Evaluation Report. Your laboratory has responded to the deficiencies as noted in the report. No further responses are necessary.

Based on the successful analysis of the National Environmental Laboratory Accreditation Conference Proficiency Testing samples for the appropriate fields of testing, the results of the laboratory inspection, and your Corrective Action Report, your laboratory will be validated for sample analysis by the methods listed above. Project-specific validation is granted for GRO analysis of solid samples by Method Mod 8015 and BTEX analysis by Method 8021B because your laboratory only routinely performs medium-level GRO and BTEX analyses for solid samples and no confirmation for BTEX analysis. The evaluation, which was conducted for your facility, is based substantially on ISO Guide 25 (General Requirements for the Competence of Testing Laboratories) and USACE Engineering Manual (EM) 200-1-3, Appendix I (Shell for Analytical Chemistry Requirements). The period of validation is 24 months and expires on October 19, 2006.

The USACE reserves the right to conduct additional laboratory inspections or to suspend validation status for any or all of the listed parameters if deemed necessary. It should be noted that your laboratory may not subcontract USACE analytical work to any other laboratory location without the approval of this office. This laboratory validation does not guarantee the delivery of any analytical samples from a USACE Contracting Officer Representative.

Any questions or comments can be directed to Chung-Rei Mao at (402) 697-2570. General questions regarding laboratory validation may be directed to the Laboratory Validation Coordinator at (402) 697-2574.

Sincerely,

Marcia C. Davies, Ph.D.
Director, USACE Hazardous,
Toxic and Radioactive Waste
Center of Expertise

Enclosure